

Notice of Allowability

Application No.

09/650,105

Examiner

Taghi T. Arani

Applicant(s)

DHARMARAJAN, BASKARAN

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2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/30/2006.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Taghi T. Arani
Primary Examiner
Art 2131
Taghi T. Arani
4/14/06

DETAILED ACTION

1. The text of those sections of Title 35 U.S. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
3. Claims 1 and 13 have been amended.
4. Claims 1-21 are pending.

EXAMINER'S AMENDMENT

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Clint J. Feekes on 4/13/2006.

Claims 1 and 13 have been replaced with:

1. (Currently amended) A computer-implemented method for authorizing a second client-based application on a client computer to access a service provided by a second server-based application based upon a previously provided authorization that authorized the client computer to use a first client-based application to access a service provided by [[a]] the first server-based application that provides a different service than said second server-based application, comprising:

(a) receiving a request for authorizing the client computer to use said second client-based application to access the service provided by said second server-based application;

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(b)_____ wherein the service provided by said second server-based application is different than the service provided by said first server-based application;

(c)_____ wherein the request for authorizing the client computer to use said second client-based application to access the service provided by said second server-based application originates from said first client-based application;

[[(b)]] (d)_____ in response to said request:

(i)_____ determining a session length indicating a length of time said client computer has been authorized to access the service provided by said first server-based application;

(ii)_____ calculating a hash value for an authorization ticket received from said first server-based application, said session length, and a secret shared between said client computer and said second server-based application, and

(iii)_____ transmitting a request for authorization to access the service provided by said second server-based application comprising said hash value, said authorization ticket, and said session length.

13. (Currently amended) A computer-implemented method for authorizing a second client-based application on a client computer to access a service provided by a second server-based application based upon a previously provided authorization that authorized the client computer to use a first client-based application to access a service provided by [[a]] the first server-based application that provides a different service than said second server-based application, comprising:

(a)_____ receiving a request for authorization authorizing the client computer to use said second client-based application to access the service provided by said second server-based application from said client computer comprising a hash value, an authorization ticket, and a session length;

(b) wherein the service provided by said second server-based application is different than the service provided by said first server-based application;

[[(b)] (c) computing a new hash value for said authorization ticket, said session length, and a copy of a secret shared between said client computer and said second server-based application;

[[(c)] (d) determining whether said hash value received from said client computer is identical to said new hash value; and

[[(d)] (e) in response to determining that said hash value received from said client computer is identical to said new hash value, authorizing said client computer to use said second client-based application to access the service provided by said second server-based application.

Response to Arguments

6. Applicant's arguments filed 1/30/2006 have been fully considered and in view of the above amended claims 1 and 13 they are persuasive.

Allowable Subject matter

7. Claims 1-21 are allowed over prior art of record.

Conclusion

7. Prior arts made of record, not relied upon:

US patent 5,455,953 is directed to authorization system for obtaining in single step both identification and access rights of client to server directory from encrypted authorization ticket.

US patent 6,240,512 B1 to Fang et al. is directed to single sign-on (SSO) mechanism having master key synchronization.

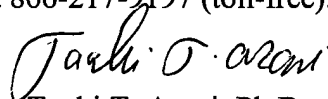
US patent 6,510,464 is directed to secure gateway having routing feature.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Taghi T. Arani whose telephone number is (571) 272-3787. The examiner can normally be reached on 8:00-5:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Taghi T. Arani, Ph.D.

Primary Examiner

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4/14/08